

Amendments to the Claims

This Listing of Claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (Currently amended) An isolated polynucleotide selected from the group consisting of:

- (a) a polynucleotide encoding a polypeptide having an amino acid sequence of SEQ ID NO: 2; and
- (b) a polynucleotide consisting of the nucleic acid sequence set forth in SEQ ID NO: 1.
- (b) ~~a polynucleotide which is complementary to the polynucleotide of (a), and~~
- (c) ~~a polynucleotide that hybridizes with a polynucleotide of (a) or (b) under stringent conditions.~~

Claim 2 (Canceled)

Claim 3 (Currently amended) ~~A polynucleotide that is an~~ An expression vector comprising a ~~the polynucleotide of~~ according to claim 1.

Claim 4 (Original) A host cell comprising the expression vector of claim 3.

Claim 5 (Withdrawn) A process for expressing a MraY protein of *Pseudomonas aeruginosa* in a recombinant host cell, comprising:

- (a) transforming a suitable host cell with an expression vector of claim 3; and
- (b) culturing the host cell of step (a) in conditions under which allow expression of the MraY protein from said expression vector.

Claim 6 (Canceled).

Claim 7 (Canceled).

Claim 8 (Canceled).

Claim 9 (Canceled).

Claim 10 (Withdrawn) A process for expressing a MraY protein of *Pseudomonas aeruginosa* in a recombinant host cell, comprising:

- (a) transforming a suitable host cell with an expression vector of claim 8; and
- (b) culturing the host cell of step (a) in conditions under which allow expression of the MraY protein from said expression vector.

Claim 11 (Withdrawn) A probe for the detection of polynucleotides encoding *Pseudomonas aeruginosa* MraY protein, comprising at least 25 nucleotides of SEQ ID NO:1.

Claim 12 (Withdrawn) A probe in accordance with claim 11 selected from the group consisting of:

- (a) a probe comprising a nucleotide sequence of SEQ ID NO:3; and
- (b) a probe comprising a nucleotide sequence of SEQ ID NO:4.

Claim 13 (Withdrawn) A primer for the detection of polynucleotides encoding *Pseudomonas aeruginosa* MraY protein, comprising at least 25 nucleotides of SEQ ID NO:1.

Claim 14 (Withdrawn) A primer in accordance with claim 13 selected from the group consisting of:

- (a) a primer comprising a nucleotide sequence of SEQ ID NO:3; and
- (b) a primer comprising a nucleotide sequence of SEQ ID NO:4.

Claim 15 (Withdrawn) An isolated polypeptide comprising an amino acid sequence of SEQ ID NO:2.

Claim 16 (Withdrawn) A cellular extract comprising the polypeptide of claim 15.